

SEP 20 2004

FORM PTO-1449

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INFORMATION DISCLOSURE STATEMENT

ATTY. DOCKET NO.
0942.5230004/RWE/JKM
FIRST NAMED INVENTOR
Byrd *et al.*
FILING DATE
August 5, 2003

APPLICATION NO.
10/633,690
ART UNIT
~~1634~~ 1637

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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
/TS/	AA1	4,582,622	04/15/1986	Ikeda <i>et al.</i>			10/12/1984
	AB1	4,615,985	10/07/1986	Deutsch <i>et al.</i>			04/16/1984
	AC1	5,143,854	09/01/1992	Pirung <i>et al.</i>			03/07/1990
	AD1	5,252,743	10/12/1993	Barrett <i>et al.</i>			11/13/1990
	AE1	5,384,261	01/24/1995	Winkler <i>et al.</i>			11/22/1991
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	AH1	5,445,934	08/29/1995	Foder <i>et al.</i>			09/30/1992
	AI1	5,599,695	02/04/1997	Pease <i>et al.</i>			02/27/1995
	AJ1	5,744,305	04/28/1998	Fodor <i>et al.</i>			06/06/1995
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	AM1	WO 97/43450	11/20/1997	WIPO			Yes No
	AN1	WO 98/20967	05/22/1998	WIPO			Yes No
	AO1	WO 99/05574	02/04/1999	WIPO			Yes No
/TS/	AP1	WO 99/05591	02/04/1999	WIPO			Yes No

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/TS/	AS	1	Amit, B., <i>et al.</i> , "Photosensitive Protecting Groups of Amino Sugars and Their Use on Glycoside Synthesis. 2-Nitrobenzyloxycarbonylamino and 6-Nitroveratryloxycarbonylamino Derivatives," <i>J. Org. Chem.</i> 39:192-196, American Chemical Society (1974)
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/TS/	AA2	5,800,992	09/01/1998	Fodor <i>et al.</i>			06/25/1996
	AB2	5,837,832	11/17/1998	Chee <i>et al.</i>			05/16/1995
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	AH2	6,262,026 B1	07/17/2001	Heartlein <i>et al.</i>			04/02/1999
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/TS/	AL2	WO 99/40105	08/12/1999	WIPO			Yes No
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/TS/	AS	2	Coskun-Ari, F.F. and Hill, T.M., "Sequence-specific Interactions in the Tus-Ter Complex and the Effect of Base Pair Substitutions on Arrest of DNA Replication in <i>Escherichia coli</i> ," <i>J. Biol. Chem.</i> 272:26448-26456, The American Society for Biochemistry and Molecular Biology, Inc. (1997)
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/TS/	AR	3	Franks, A.H. and Wake, R.G., "Replication Fork Arrest at Relocated Replication Terminators on the <i>Bacillus subtilis</i> Chromosome," <i>J. Bacteriol.</i> 178:4258-4265, American Society for Microbiology (1996)
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/TS/	AR	4	Henderson, T.A., <i>et al.</i> , "Site-directed mutagenesis and phylogenetic comparisons of the <i>Escherichia coli</i> Tus protein: DNA-protein interactions alone can not account for Tus activity," <i>Mol. Genet. Genomics</i> 265:941-953, Springer-Verlag (August 2001)
/TS/	AS	4	Hiasa, H. and Marians, K.J., "Tus Prevents Overreplication of <i>oriC</i> Plasmid DNA," <i>J. Biol. Chem.</i> 269:26959-26968, The American Society for Biochemistry and Molecular Biology, Inc. (1994)
/TS/	AT	4	Hidaka, M., <i>et al.</i> , "Purification of a DNA Replication Terminus (<i>ter</i>) Site-binding Protein in <i>Escherichia coli</i> and Identification of the Structural Gene," <i>J. Biol. Chem.</i> 264:21031-21037, The American Society for Biochemistry and Molecular Biology, Inc. (1989)

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/TS/	AR	<u>5</u>	Hill, T.M. and Mariani, K.J., "Escherichia coli Tus protein acts to arrest the progression of DNA replication forks <i>in vitro</i> ," <i>Proc. Natl. Acad. Sci. USA</i> 87:2481-2485, National Academy of Sciences (1990)
/TS/	AS	<u>5</u>	Hill, T.M., <i>et al.</i> , "tus, the trans-acting gene required for termination of DNA replication in <i>Escherichia coli</i> , encodes a DNA-binding protein," <i>Proc. Natl. Acad. Sci. USA</i> 86:1593-1597, National Academy of Sciences (1989)
/TS/	AT	<u>5</u>	Hill, T.M., <i>et al.</i> , "Identification of the DNA Sequence from the <i>E. coli</i> Terminus Region That Halts Replication Forks," <i>Cell</i> 55:459-466, Cell Press (1988)

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/TS/	AR	<u>6</u>	Jonsson, U., <i>et al.</i> , "Real-Time Biospecific Interaction Analysis Using Surface Plasmon Resonance and a Sensor Chip Technology," <i>BioTechniques</i> 11:620-627, Eaton Publishing Company (1991)
/TS/	AS	<u>6</u>	Kaul, S., <i>et al.</i> , "The replication terminator protein of the Gram-positive bacterium <i>Bacillus subtilis</i> functions as a polar contrahelicase in Gram-negative <i>Escherichia coli</i> ," <i>Proc. Natl. Acad. Sci. USA</i> 91:11143-11147, National Academy of Sciences (1994)
/TS/	AT	<u>6</u>	Lee, E.H., <i>et al.</i> , "Features of Replication Fork Blockage by the <i>Escherichia coli</i> Terminus-binding Protein," <i>J. Biol. Chem.</i> 267:8778-8784, American Association for Biochemistry and Molecular Biology (1992)

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/TS/	AR	1	McCray, J.A. and Trentham, D.R., "Properties and Uses of Photoreactive Caged Compounds," <i>Annu. Rev. Biophys. Biophys. Chem.</i> 18:239-270, Annual Reviews, Inc. (1989)
/TS/	AS	1	Neylon, C., <i>et al.</i> , "Interaction of the <i>Escherichia coli</i> Replication Terminator Protein (Tus) with DNA: A Model Derived from DNA-Binding Studies of Mutant Proteins by Surface Plasmon Resonance," <i>Biochem.</i> 39:11989-11999, American Chemical Society (2000)
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/TS/	AR	<u>8</u>	Pelletier, A.J., <i>et al.</i> , "Termination Sites T1 and T2 from the <i>Escherichia coli</i> Chromosome Inhibit DNA Replication in ColE1-Derived Plasmids," <i>J. Bacteriol.</i> 171:1739-1741, American Society for Microbiology (1989)
/TS/	AS	<u>8</u>	PerkinElmer, <i>PerkinElmer Cetus GeneAmp DNA Amplification Reagent Kit</i> , October 1988.
/TS/	AT	<u>8</u>	Riggs, <i>et al.</i> , "Introduction to Expression by Fusion Protein Vectors," in: <i>Current Protocols in Molecular Biology</i> , Ausubel, F.M., <i>et al.</i> , eds., John Wiley & Sons, Inc., New York, NY, pp. 16.4.1-16.4.4 (1994)

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	AN						Yes
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/TS/	AR	<u>10</u>	Skokotas, A., <i>et al.</i> , "Mutations in the <i>Escherichia coli</i> Tus Protein Define a Domain Positioned Close to the DNA in the Tus-Ter Complex," <i>J. Biol. Chem.</i> 270:30941-30948, The American Society for Biochemistry and Molecular Biology, Inc. (1995)
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/TS/	AM2	WO 02/062957 A2	08/15/2002	WIPO			Yes
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/TS/	AR	11	Smith, M.T., <i>et al.</i> , "The Minimal Sequence Needed to Define a Functional DNA Terminator in <i>Bacillus subtilis</i> ," <i>J. Mol. Biol.</i> 241:335-340, Academic Press (1994)
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